

Amendments to the Claims:

Please amend the claims consistent with the following listing of claims. This listing of claims is intended to replace all prior versions, and listings, of claims in this application.

Listing of Claims:

1 - 23 (Cancelled)

24. (Currently Amended) A method of encapsulating a chemical agent comprising:

- (a) combining, in an aqueous solvent, particles of a chemical agent suspended in the aqueous solvent and an encapsulation effective amount of a first encapsulating agent selected from the group consisting of: polyanhydrides, polyanhydride acids, polyanhydride salts, polyanhydride esters, styrene maleic anhydride copolymers and hydrolysis and neutralization products thereof, polysaccharides, acrylic acid polymers, polyacrylamides, acrylic polymers, hydrophobically-modified polyacrylic acids, and salts of alkyl naphthalene sulfonate polymers
- (b) converting the first encapsulating agent to an encapsulating polymer by lowering the pH of the aqueous solvent, thereby forming encapsulated particles of the chemical agent; and
- (c) combining the encapsulated particles of step (b) with a second encapsulating agent different from the first encapsulating agent and selected from the group consisting of formaldehyde copolymers, polyacrylamides, phenoxy resins and polyisocyanates; and
- (d) converting the second encapsulating agent to an encapsulating polymer by heating the combination of step (c) to at least 40°C.

~~wherein the first encapsulating agent is a polymer selected from the group consisting of: polyanhydrides, polyanhydride acids, polyanhydride salts, polyanhydride esters, styrene maleic anhydride copolymers and hydrolysis and neutralization products thereof,~~

~~polysaccharides, acrylic acid polymers, polyacrylamides, acrylic polymers, hydrophobically modified polyacrylic acids, and salts of alkyl naphthalene sulfonate polymers;~~

25. (Original) The method of claim 24 wherein the first encapsulating agent is selected from the group consisting of: maleic anhydride copolymer disodium salt, styrene maleic anhydride copolymer amide ammonium salt, styrene maleic anhydride copolymer ammonium salt, poly(methyl vinyl ether-*co*-maleic anhydride), and poly(vinyl chloride-*co*-vinyl acetate-*co*-hydroxyl acrylate).

26 - 31 (Cancelled)

32. (New) The method of claim 25 wherein the first encapsulating agent is styrene maleic anhydride copolymer amide ammonium salt.

33. (New) The method of claim 24 wherein the second encapsulating agent is selected from the group consisting of urea-formaldehyde resin, melamine-formaldehyde resin, phenol-formaldehyde resin, resorcinol-formaldehyde resin, butylated urea/formaldehyde resin, glycoluril-formaldehyde resin, and N-methylolacrylamide.

34. (New) The method of claim 24 wherein the second encapsulating agent is a polyisocyanate comprising residues derived from an alkylene diisocyanate.

35. (New) The method of claim 34 wherein the alkylene diisocyanate is hexamethylene diisocyanate.

36 (New) The method of claim 33 wherein the second encapsulating agent is a melamine formaldehyde resin.

37. (New) The method of claim 24 wherein the pH is lowered by adding an acid selected from the group consisting of: hydrochloric acid, hydrobromic acid, hydroiodic acid, sulfuric acid, perchloric acid, phosphoric acid, acetic acid, trifluoroacetic acid, citric acid, and 2,2,2-trifluoroethanol.

38. (New) The method of claim 37 wherein the acid is acetic acid.

39. (New) The method of claim 24 wherein the chemical agent is a pesticide.